

Title (en)

Fuel injector, internal combustion engine and method

Title (de)

Kraftstoffeinspritzventil, Verbrennungsmotor und entsprechendes Verfahren

Title (fr)

Injecteur de carburant, moteur à combustion interne et procédé

Publication

**EP 1947325 B1 20101020 (EN)**

Application

**EP 08100364 A 20080111**

Priority

US 65420207 A 20070116

Abstract (en)

[origin: EP1947325A1] It is shown a fuel injector (12) for an internal combustion engine (10), comprising a plurality of injector nozzles (24) for selectively injecting fuel into a combustion cylinder (16), and a single control valve (26) is fluidly coupled with each of said plurality of injector nozzles (24). Furthermore it is shown an internal combustion engine (10) comprising such fuel injector (12) and a method to operate fuel injector.

IPC 8 full level

**F02M 63/02** (2006.01); **F02B 23/10** (2006.01)

CPC (source: EP US)

**F02B 23/0663** (2013.01 - EP US); **F02B 23/104** (2013.01 - EP US); **F02M 47/027** (2013.01 - EP); **F02M 61/10** (2013.01 - EP); **F02M 61/14** (2013.01 - EP); **F02M 63/0007** (2013.01 - EP); **F02M 63/02** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 1947325 A1 20080723**; **EP 1947325 B1 20101020**; DE 602008003038 D1 20101202; US 2008169365 A1 20080717; US 7574992 B2 20090818

DOCDB simple family (application)

**EP 08100364 A 20080111**; DE 602008003038 T 20080111; US 65420207 A 20070116